

Title (en)

TESTING BASE STATIONS THAT SUPPORT MULTIPLE CARRIERS AND NARROWBAND INTERNET OF THINGS SIGNALS

Title (de)

PRÜFUNG VON BASISSTATIONEN, DIE MEHRERE TRÄGER UND SIGNALE VON SCHMALBANDIGEM INTERNET DER DINGE UNTERSTÜTZEN

Title (fr)

STATIONS DE BASE D'ESSAI SUPPORTANT DE MULTIPLES PORTEUSES ET SIGNAUX DE CHOSES INTERNET À BANDE ÉTROITE

Publication

EP 3261272 A1 20171227 (EN)

Application

EP 16305749 A 20160621

Priority

EP 16305749 A 20160621

Abstract (en)

A method, device and computer program for generating wireless signals for testing a network node for transmitting Narrow Band Internet of Things signals, for compliance with predetermined criteria, the network node being configured to support multiple carriers and to support operation within at least one radio frequency bandwidth. The method comprises: controlling a wireless signal generator to generate one test signal in a frequency band towards one edge of one of the at least one radio frequency bandwidth and one further test signal in a frequency band towards the other edge of the same one of the at least one radio frequency bandwidth, the one test signal comprising a Narrowband Internet of Things test signal.

IPC 8 full level

H04B 17/29 (2015.01)

CPC (source: EP KR US)

H04B 17/0085 (2013.01 - KR US); **H04B 17/15** (2015.01 - KR); **H04B 17/29** (2015.01 - EP KR US); **H04B 17/354** (2015.01 - KR US); **H04W 72/0453** (2013.01 - US); **H04B 7/06** (2013.01 - US); **H04B 7/08** (2013.01 - US); **H04B 17/00** (2013.01 - US); **H04B 17/0085** (2013.01 - EP); **H04B 17/20** (2015.01 - US); **H04B 17/354** (2015.01 - EP); **H04W 16/28** (2013.01 - US)

Citation (search report)

- [A] "3rd Generation Partnership Project; Technical Specification Group Radio Access Networks; Narrowband Internet of Things (NB-IoT); Technical Report for BS and UE radio transmission and reception (Release 13)", 3GPP STANDARD; 3GPP TR 36.802, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG4, no. V1.0.0, 13 June 2016 (2016-06-13), pages 1 - 59, XP051123388
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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 16305749 A 20160621; CN 201780038548 A 20170615; EP 2017064687 W 20170615; ES 16305749 T 20160621; JP 2018567261 A 20170615; KR 20187036676 A 20170615; US 201716311516 A 20170615